

Trying 01081...Open

PLEASE ENTER HOST PORT ID:  
PLEASE ENTER HOST PORT ID:x  
LOGINID:d237prl  
PASSWORD:  
TERMINAL (ENTER 1, 2, 3, 4, OR ?):□3

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\*  
\* Welcome to MESSENGER (APS Text) at USPTO  
\*  
\*  
\* The USPTO production files are current through: \*  
\* APRIL 06,1999 for U.S. Patent Text Data. \*  
\* APRIL 13,1999 for U.S. Current Classification Data. \*  
\* APRIL 13,1999 for U.S. Patent Image Data. \*  
\*

THE PATENT WEEKLY ISSUE DATA FOR BOTH APRIL 13, 1999 ISSUE  
AND THE APRIL 20, 1999 IS AVAILABLE ON THE IMAGE DATABASE.  
TEXT DATA FOR BOTH ISSUES NOT AVAILABLE YET. THANKS.

\* More U.S. patent data is now available on APS. The new \*  
\* USOCR file contains patents issued in 1970, plus some \*  
\* patents that were missing from the USPAT file. See the \*  
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- \* The Help Desk is staffed for APS support 7 days/week. \*
- \* Monday through Friday: 6:30am - 9:00pm \*
- \* Saturday, Sunday, Holidays: 8:30am - 5:00 pm \*

\* The Help Desk staff at this number will handle all APS related questions. \*

## Related questions:

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\* >>>>>>>>>> NEW SUNDAY HOURS III <<<<<

NEW SUNDAY HOURS !!!

- \* The APS is available:
  - \* 6:30am - 9:00pm Monday through Friday
  - \* 7:30am - 5:00pm Saturday, Sunday, Holidays
- \* APS is unavailable Thanksgiving Day, Christmas Day, and New Year's Day.

FILE 'USPAT' ENTERED AT 12:36:19 ON 27 APR 1999

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\* WELCOME TO THE \*  
\* U. S. PATENT TEXT FILE \*  
\*\*\*\*\*

=> s (5195173 or 5778381)/uref

L1 3 5195173/UREF  
0 5778381/UREF  
3 (5195173 OR 5778381)/UREF

=> d 11 cit ab fd rel 1-3

1. 5,877,961, Mar. 2, 1999, Electronic support work station and method of operation; William C. Moore, 364/474.22, 468.12, 468.17, 474.24; 705/1, 29 [IMAGE AVAILABLE]

US PAT NO: 5,877,961 [IMAGE AVAILABLE] L1: 1 of 3

## ABSTRACT:

A computer-controlled electronic support system includes an electronic work station with a display screen and pointing device coupled to a central processing unit where an operator performs an operation on a workpiece. The workpiece operation begins by an operator entering and processing a work order identifier. In response to that work order identifier, a corresponding workpiece identifier is generated. Image, graphic, and text information associated with that workpiece identifier is retrieved from memory. A user-friendly, menu-based display screen provides a plurality of entries with each entry having menu options associated with the workpiece identifier. Advantageously, an operator can select any one of several different images of the workpiece simply by selecting a menu option. Not only is the particular workpiece image displayed, but also a plurality of graphics associated with that workpiece image. The graphics may include for example icons and "hot spot" areas of the displayed image, any one of which may be selected by the operator simply pointing to the graphic on the display screen. In response, information is displayed relating to the workpiece corresponding to the selected graphic that will assist the operator in performing a particular support operation on the workpiece, e.g., maintenance, servicing, testing, repair, etc.

DATE FILED: Sep. 24, 1996

2. 5,774,449, Jun. 30, 1998, Multimedia-based decision support system for hazards recognition and abatement; John B. Czachowski, et al.,

702/182, 127 [IMAGE AVAILABLE]

US PAT NO: 5,774,449 [IMAGE AVAILABLE] L1: 2 of 3

**ABSTRACT:**

A system for monitoring a site includes a portable data collection module used in the field to collect site specific data, and a processor module located at a central location. The data collection module displays choices of categories of findings, and then specific findings within each category. A selected specific finding is then displayed in report form with a citation to the specific code or statutory requirement, as well as a recommended course of action and an abatement date.

DATE FILED: Mar. 31, 1995

3. 5,467,084, Nov. 14, 1995, Vehicle position determining apparatus; Cornell W. Alofs, et al., 340/933; 180/167, 168, 169; 318/587; 340/938, 941 [IMAGE AVAILABLE]

US PAT NO: 5,467,084 [IMAGE AVAILABLE] L1: 3 of 3

**ABSTRACT:**

Apparatus for determining the position of a mobile vehicle relative to a fixed location marker device which comprises a coil energized to emit a magnetic field composed of lines of magnetic flux extending radially and arcuately from the ends of the coil's longitudinal axis. A sensor unit mounted on the mobile vehicle comprises four identical sensing coils each responsive to the frequency of the magnetic field of the marker device and each having a major axis. These sensor coils are supported in two pairs with the major axes of the sensor coils of each pair disposed on either side of a common central plane and extending parallel thereto, this common central plane extending transversely to the longitudinal axis of the marker device coil. Each pair of sensor coils is arranged in an X pattern in which their major axes cross each other medially and perpendicularly to define a center for the coil pair. The two pairs of coils are mounted with their centers spaced apart a fixed distance on a base line which the major axes of the coils cross at a 45 degree angle. Position signals from the sensor coils are processed to produce X and Y coordinate values indicating the relative position of the sensor unit to the marker device. The marker device may be inductively excited from an antenna on the mobile vehicle.

DATE FILED: Mar. 28, 1994

=> d his

(FILE 'USPAT' ENTERED AT 12:36:19 ON 27 APR 1999)  
L1 3 S (5195173 OR 5778381)/UREF

=> s 11 and list?(p)form#

225997 LIST?  
1911136 FORM#  
28956 LIST?(P)FORM#

L2 1 L1 AND LIST?(P)FORM#

=> d 12 cit

1. 5,774,449, Jun. 30, 1998, Multimedia-based decision support system for hazards recognition and abatement; John B. Czachowski, et al., 702/182, 127 [IMAGE AVAILABLE]

=> d 12 cit ab fd rel hit

1. 5,774,449, Jun. 30, 1998, Multimedia-based decision support system for hazards recognition and abatement; John B. Czachowski, et al., 702/182, 127 [IMAGE AVAILABLE]

US PAT NO: 5,774,449 [IMAGE AVAILABLE] L2: 1 of 1

ABSTRACT:

A system for monitoring a site includes a portable data collection module used in the field to collect site specific data, and a processor module located at a central location. The data collection module displays choices of categories of findings, and then specific findings within each category. A selected specific finding is then displayed in report form with a citation to the specific code or statutory requirement, as well as a recommended course of action and an abatement date.

DATE FILED: Mar. 31, 1995

REF-CITED:

U.S. PATENT DOCUMENTS			
3,942,157	3/1976	Azure	345/172
4,638,445	1/1987	Mattaboni	
4,642,782	2/1987	Kemper et al.	
4,757,463	7/1988	Ballou et al.	
4,761,746	8/1988	Tano et al.	
4,974,168	11/1990	Marx	364/506
5,105,365	4/1992	McDaniel et al.	364/496
5,123,017	6/1992	Simpkins et al.	
**5,195,173**	3/1993	Gordon et al.	
5,206,818	4/1993	Speranza	364/550
5,225,996	7/1993	Weber	364/550
5,321,629	6/1994	Shirata et al.	364/551.01
5,488,558	1/1996	Ohki	364/449
5,526,287	6/1996	French	364/550

DETDESC:

DETD(75)

The system can be used to collect data from many locations by multiple data collectors and still provide objective, consistent and reproducible data. By controlling variability of information gathered through the use of methods that use hierarchical choices in the \*\*form\*\* of pick \*\*lists\*\* versus subjective descriptions the system provides very broad to specific selections to describe an event or condition. The system also allows for recording unique information not previously encountered and provides a means to disseminate the information to all data collectors simultaneously. The inspector is free then to provide highly specific information by the use of location co-ordinates, photographs and memo functions. This eliminates the need for length descriptions and yet

allows a high degree of specificity.

=> d his

(FILE 'USPAT' ENTERED AT 12:36:19 ON 27 APR 1999)  
L1 3 S (5195173 OR 5778381)/UREF  
L2 1 S L1 AND LIST?(P)FORM#

=> s select?(p)form#

1324837 SELECT?  
1911136 FORM#  
L3 366706 SELECT?(P)FORM#

=> s l1 and l3

L4 1 L1 AND L3

=> d l4 cit occ

1. 5,774,449, Jun. 30, 1998, Multimedia-based decision support system for hazards recognition and abatement; John B. Czachowski, et al., 702/182, 127 [IMAGE AVAILABLE]

US PAT NO: 5,774,449 [IMAGE AVAILABLE] L4: 1 of 1  
Field Count  
UREF 1  
AB 2  
DETD(75) 2

=> d l4 hit

US PAT NO: 5,774,449 [IMAGE AVAILABLE] L4: 1 of 1  
REF-CITED:

U.S. PATENT DOCUMENTS

3,942,157	3/1976	Azure	345/172
4,638,445	1/1987	Mattaboni	
4,642,782	2/1987	Kemper et al.	
4,757,463	7/1988	Ballou et al.	
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L3 366706 S SELECT?(P)FORM#  
L4 1 S L1 AND L3